

**TRIANGULAR SCALES** – Please refer to scale selection chart on following page for item numbers and graduations



### Series 110 Student/Vocational Triangular Scales

These 12" triangular scales are ideal for scholastic and vocational use. Satin finish, high-impact plastic with tapered edges. Sharp, easy-to-read graduations resist wear. Available in white or eye-saver yellow. Architect, engineer, and mechanical draftsman graduations. Inch and metric. Items 110PC and 111PC are blistercarded. Sold individually. 24/box.

No.	Description	SRP
110P Series	White	\$4.50 ea
	Blistercarded	4.75 ea
120PC	Yellow	9.95 ea
	Combo	8.95 ea



### Series 270P Boxwood-Color Plastic Triangular Scales

High-quality scales made from high-impact, boxwood-color plastic with tapered edges. Hot foil-stamped graduations and color-coded furrows. Supplied in plastic sleeve. Sold individually. 12/box.

270P Series SRP \$14.75 ea



### Series 98 Black Aluminum Triangular Scales

High-quality, black anodized aluminum scales have a large profile, hollow core, and tapered edges. Printed white graduations and color inlaid furrows. Supplied in hard plastic case. Sold individually. 12/box.

98 Series SRP \$22.95 ea



### ALVIN® Scale Guard

Fits most standard triangular scales. A perfect handle for lifting and maneuvering scales. Assorted colors for easy scale identification. Maintains scale orientation so graduations always face down. Sold by the dozen or as a 2/pk.

No.	Description	SRP
669DZ	12/bag	\$9.00 dz
669BC	Blistercarded 2/pk	1.45 pk



### Series 240P Plastic Professional Triangular Scales

Professional-quality scales made from high-impact plastic with white, non-reflecting, dull-matte faces and tapered edges. Machine-engraved graduations and color-coded furrows. Supplied in hard plastic case. Sold individually. 12/box.

240P Series SRP \$14.95 ea



### Series 240B Bamboo Professional Triangular Scales

Professional-quality scales with a bamboo core, white high-impact plastic laminated faces and tapered edges. Machine engraved divisions and color-coded furrows. Supplied in hard plastic case. Sold individually. 12/box.

240B Series SRP \$24.95 ea



### Series 740PM Metric Plastic Triangular Scales

Professional-quality metric scales made from high-impact plastic with white, non-reflecting, dull-matte faces and tapered edges. Hot-stamped graduations and color-coded furrows. Supplied in hard plastic case. Sold individually. 12/box.

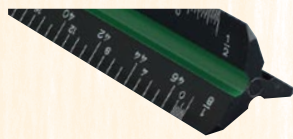
740PM Series SRP \$17.95 ea



### ALUMICOLOR™ 3000 Series 6" Mini Aluminum Triangular Scales

Professional-quality scales are made from color anodized solid aluminum. Printed graduations on ultra-smooth, mark-resistant surface. Available in silver (-1 suffix), gold (-2), red (-4), blue (-5) and black (-9). Supplied in plastic tube. Sold individually. 20/box.

3000 Mini Series SRP \$5.95 ea



### Series 240BP Black Plastic Triangular Scales

Professional-quality scales made from high-impact plastic with black, non-reflecting, dull-matte faces and tapered edges. Machine-engraved white graduations and color-coded furrows. Supplied in hard plastic case. Sold individually. 12/box.

240BP Series SRP \$14.95 ea



### ALVIN® 4" Mini Aluminum Triangular Scales

4" professional pocket scale constructed of solid aluminum for light weight and durability. Features tapered edges and color-coded furrows. Comes in vinyl sheath. Sold individually. 12/box.

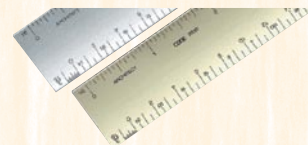
No.	Description	SRP
30ATS	Architect	\$8.95 ea
31ATS	Engineer	8.95 ea
37ATS	Metric	8.95 ea



### Series 400 Gray Plastic Professional Triangular Scale

Professional-quality scales made from non-reflective, high-impact gray plastic with tapered edges. Hot foil-stamped black graduations and color-coded furrows. Supplied in hard plastic case. Sold individually. 10/box.

400 Series SRP \$14.95 ea



### ALUMICOLOR™ 3000 Series Colored Aluminum Triangular Scales

Lightweight, professional-quality scales are made from color-anodized aluminum with a hollow core. Printed graduations on ultra-smooth, mark-resistant surface. Available in silver (-1 suffix), gold (-2) and black (-9). Inch and metric. Supplied in hard plastic case. Sold individually. 12/box.

3000 Hollow Series SRP \$9.75 ea  
Except 18" 17.95 ea



### Series 600 6" Plastic Triangular Scales

6" high-quality scales made from high-impact plastic with white, non-reflecting, dull-matte faces and tapered edges. Printed graduations and color-coded furrows. Sold individually or as a set of two. 24/box.

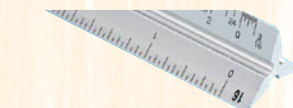
No.	Description	SRP
P600C	Set of two	\$12.95 st
610A	Arch.	7.95 ea
610E	Eng.	7.95 ea



### Series 40 4" Mini Hardwood Triangular Scales

4" professional-quality scales with a solid hardwood core, white, high-impact plastic laminated faces and tapered edges. Machine-engraved graduations and color-coded furrows. Supplied in plastic sleeve. Sold individually. 24/box.

Series 40 SRP \$13.95 ea



### Series 2200M Solid Aluminum Triangular Scales

High-quality anodized aluminum scales have a large profile, solid core, and tapered edges. Printed black graduations, available in inch and metric. Supplied in hard plastic case. Sold individually. 12/box.

	SRP
2200M, 6"	\$11.50 ea
2200M, 12"	19.50 ea
2200M, 18"	25.95 ea
2200M, 24"	37.50 ea



### FAIRGATE Series T Solid Aluminum Triangular Scales

Rugged, professional-quality scales are made from anodized aluminum with a solid core. Printed black graduations on non-glare finish and color-coded furrows. Available in inch and metric. Sold individually, shrink wrapped. 6/bundle.

	SRP	
	Arch	Engr
T Series, 6"	\$7.95 ea	\$7.95 ea
T Series, 12"	11.90 ea	11.90 ea
T Series, 18"	17.25 ea	17.25 ea
T Series, 24"	23.30 ea	23.30 ea
T Series, 36"	36.60 ea	
T Series, 30cm/Metric	\$12.00 ea	

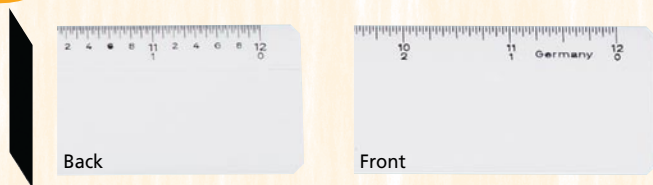


## Triangular Scale Selection Chart

Hardwood	Bamboo	High Impact Plastic	Impact Plastic	Gray Plastic	Black Plastic	FAIRGATE Aluminum	ALUMICOLOR™ Mini Aluminum	ALVIN Aluminum	Black Aluminum	ALUMICOLOR™ Hollow Aluminum	Length	Graduations	
Architect Scales													
40MTS								30ATS			4"	All architect scales have the following graduations unless otherwise noted: 3/32, 3/16, 1/8, 1/4, 1/2, 1, 3/8, 3/4, 1½, 3" to the foot; one edge graduated to 16ths	
		610A				TA6	3010-1 3010-2 3010-4 3010-5 3010-9 3015-1	2200M-16			6" 6" 6" 6" 6" 6"		
	240B	110P 110PC* 110PY 240P	270P	410PG	240BP	TA12		2200M-1	98/ARC	3030-1 3030-2 3030-9 3035-1	12" 12" 12" 12"		With left to right reading calibrations
						TA18		2200M-118		3040-1	18"		
						TA24		2200M-124			24"		
						TA36					36"		
Engineer Scales													
41MTS								31ATS			4"	All engineer scales have the following graduations unless otherwise noted: 10, 20, 30, 40, 50, 60 parts to the inch	
		610E				TE6	3210-1 3210-2 3210-4 3210-5 3210-9	2200M-26			6" 6" 6" 6" 6"		
	241B	111P 111PC* 111PY 241P	271P	411PG	241BP	TE12		2200M-2	98/ENG	3230-1 3230-2 3230-9	12" 12" 12" 12"		(241B is double-numbered)
						TE18		2200M-218		3240-1	18"		
						TE24		2200M-224			24"		
	245B										12"		
Mechanical Drafting Scales (Architect/Engineer)													
		110PX 110PXY 244P	270PX								12" 12" 12"	1/8, 1/4, 1/2, 1" to the foot; 1/4, 3/8, 1/2, 3/4 size; 50ths and 16ths	
Combination Scales (Inch/Metric)													
							3610-1 3610-2 3610-4 3610-5			3630-1 3630-2	6" 6" 6" 6" 12" 12"	1/8 and 1/4 = 1 foot; 16ths full size, 10 and 50 parts to the inch 1:100 and 1:500 metric	
		119PC									12"	1:100 metric, 10 and 50 parts to the inch, 1/4, 1/2 size; 50ths and 32nds full size	
		120PC									12"	1:50, 1:100 metric, 50ths and 16ths full size, 1/4, 1/2 size, 1/8 and 1/4 = 1 foot	
Metric Scales													
		744PM									30cm (12")	1:2.5, 1:5, 1:10, 1:20, 1:50, 1:100	
	247B	117PM 247P									30cm (12") 30cm (12")	1:20, 1:33⅓, 1:40, 1:50, 1:80, 1:100	
		748PM									30cm (12")	1:20, 1:25, 1:33⅓, 1:50, 1:75, 1:100	
		740PM				TM12		2200M-3			30cm (12")	1:20, 1:25, 1:50, 1:75, 1:100, 1:125	
		121PM 742PM					3410-1 3410-2 3410-4 3410-5	2200M-5		3430-1	30cm (12") 30cm (12") 15cm (6") 15cm (6") 15cm (6") 15cm (6")	1:100, 1:200, 1:250, 1:300, 1:400, 1:500	
47MTS		743PM						37ATS			30cm (12") 10cm (4")	1:100, 1:200, 1:300, 1:400, 1:500, 1:600	
								2200M-6			30cm (12")	1:500, 1:1000, 1:1250, 1:1500, 1:2000, 1:2500	

\* Blister-carded

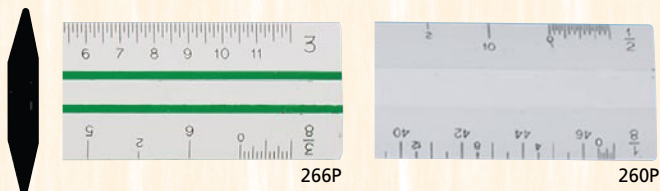


**ALVIN® Series 250 White Plastic Flat Scale**

12" opposite-bevel white scale made of high-impact plastic. Engine-divided graduations. Supplied in vinyl sheath. Sold individually. 12/box.

No.	Description	SRP
★ 258P	Double-numbered in red, full size, inches reading to 32nds, Full size, inches reading to 50ths, 12"	\$24.95 ea

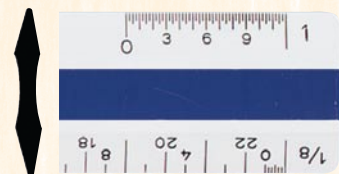
KEY: ★ Mechanical Draftsmen

**ALVIN® Series 260 White Plastic Flat Scales**

Four-bevel white scales made of high-impact plastic in 6" and 12" lengths. Printed graduations. Supplied in vinyl sheath. Sold individually. 12/box.

No.	Description	SRP
◆ 260P	12" divided: 1/8", 1/4", 1/2", 1", 3/8", 3/4", 1 1/2", and 3" to the foot	\$18.95 ea
● 261P	12" divided, not double-numbered: 10, 30, 40, and 50 parts to the inch	18.95 ea
◆ 266P	6" divided: and 3" to the foot	13.95 ea
● 267P	6" divided, double numbered: 10, 30, 40, and 50 parts to the inch	13.95 ea
● 269P	6" divided, double numbered: 10, 20, 30, 40, 50, and 60 parts to the inch	13.95 ea

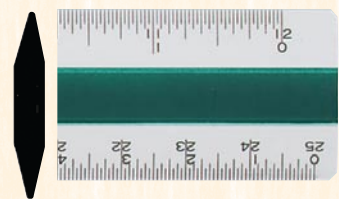
KEY: ◆ Architect ● Engineer

**ALVIN® Series 310 White Plastic Flat Pocket Scales**

6" four-bevel white scales made of high-impact lightweight plastic. Printed graduations. Supplied in vinyl sheath. Sold individually. 12/box.

No.	Graduations	SRP
◆ 310A	1/8, 1/4, 1/2, 1, 3/8, 3/4, 1 1/2, and 3" to the foot	\$6.25 ea
● 311E	10 and 50, 30, and 40 parts to the inch	6.25 ea

KEY: ◆ Architect ● Engineer

**ALVIN® Series 764 English/Metric Flat Scale**

12"/30cm four-bevel white scale made of high impact plastic. All graduations are double numbered. Supplied in vinyl sheath. Sold individually. 12/box.

No.	Description	SRP
★ 764PM*	Metric/English, 12"/30cm Full size – inches to 50ths and 32nds; Half size – inches to 16ths; Metric to 1mm	\$14.50 ea

KEY: ★ Mechanical Draftsmen

**ALVIN® Series 280 White Plastic Flat Scales**

12" two-bevel white scales made of high-impact plastic. Engine-divided graduations. Supplied in vinyl pocket sheath. Sold individually. 12/box.

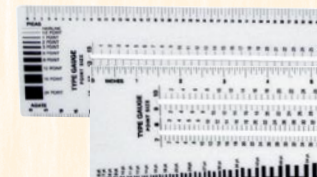
No.	Description	SRP
◆ 280P	12" divided: 1/8" and 1/4" to the foot	\$39.00 ea
◆ 280XP	12" divided: in 16ths and 32nds to represent 200' on the 16th scale; in 16ths and 32nds to represent 400' on the 32nd scale; 1/16" and 1/32" to the foot	39.00 ea

KEY: ◆ Architect

**Accu Spec II Transparent Type Gauge and Specifier Set**

Designed for the professional graphic artist. Includes E-scale, inch, pica, and metric scales, point size gauge, rules, open and solid bullets, and squares. Type gauges in 6 through 13 and 15 point sizes. Set of two scales are wrapped in protective folder and stored in a resealable clear plastic bag.

No. AS2 SRP \$9.95 st

**C-THRU® Standard and Pocket Type Gauge and Specifier**

Made of durable opaque plastic with rulers and scales printed on two sides. Included are eight point sizes, agate, and E-scale, 10 line rules, pica and inch scale.

No. GA88 SRP \$7.50 ea

**Proportional Scales**

Provides a number of times of reduction, as well as percentage of enlargement or reduction for photos, artwork, and layouts. Fractions are printed below the inch in a second color. Consists of two circular laminated white vinyl discs. Available in three sizes. Packaged 12/box.

No.	Diameter	SRP
PS69	5"	\$4.00 ea
PS79	6"	5.50 ea
PS80	8"	6.50 ea

**C-THRU® Typesetting and Leading Gauge**

Transparent ruler, laminated for permanence. Includes scales in picas, point sizes, and 1/16", plus a leading gauge. 3" x 13 3/4" size. Packaged 12/box.

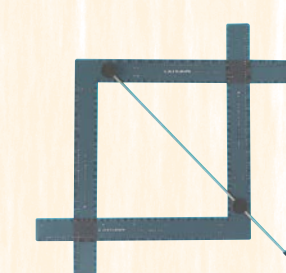
No. GA96 SRP \$4.25 ea

**DÉJÀ VIEWS® Zero Hero™**

This clear ruler includes stitch and eyelet spacing holes, as well as guides for perfect placement of journaling, parallel lines, and corners. Creates beautiful, symmetrical pages.

No.	Description	SRP
ZHCR-12	12", Centering	\$3.49 ea
ZHCR-18	18", Centering	4.99 ea

Formerly CR-12 and CR-18

**SCALEOGRAPH Measuring Instrument**

Time saving, easy-to-use, precision plastic mechanical instrument that takes the guesswork out of scaling and cropping photographs, odd shapes, or drawings. Precise white scales on the arms give easy-to-read measurements for necessary camera work. Scaled in picas and inches.

No.	Size	SRP
SG330	12" x 12"	\$34.95 ea





## SCHAEDLER® High-Precision Translucent Rules

Schaedler rules are accurate, convenient, dimensionally stable, adaptable, and have superior legibility. Rules are printed on a flexible, polyester film base to allow measuring around curved objects.

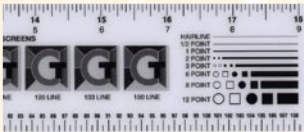
**46-IM** – 12" rule with inches in 1/64" increments on the top edge, metric to mm on the bottom edge, and printers points and picas in the center. Rule has blue tint.

**46-IP** – 12" rule with decimal inches divided to 100ths on the top edge. DTP points and picas on the bottom edge, and agates in the center. Rule has pink tint.

**46-DP** – Two pack containing one 46-IM and one 46-IP rule.

**18-IMP** – 18" rule with four sets of graduations. Fractional inches to 64ths, decimal inches to 100ths, DTP points/picas, and metric to 1/2mm. Interior slots are cut into rule for ease of use. Rule has green tint.

No.	Description	SRP
46-IM	12" rule, Inches/Picas/Metric	\$21.75 ea
46-IP	12" rule, Decimal-Inches/Agates/Picas	22.25 ea
46-DP	12" rule, 2/pk	35.75 pk
18-IMP	18" rule, Inches/Metric/Pica	38.75 ea



## C-THRU® Graphic Arts Ruler

Laminated, 2" x 18" ruler, with calibrations in inches, picas, and agate. Also includes proofreader symbols, printers' rules, hairline to 12 point, ten percentage screens ranging from 10% to solid, halftone screens, 12-pitch standard and 10-pitch elite typewriter character counters, and a simplified copy casting system. 12/box.

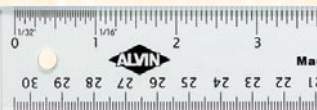
No. GA86 SRP \$3.95 ea



## ALVIN® Plastic 12" Ruler

Perfect for home, school, or office. Fluorescent color makes it easy to locate. Inch/metric graduations. 1 1/4" wide.

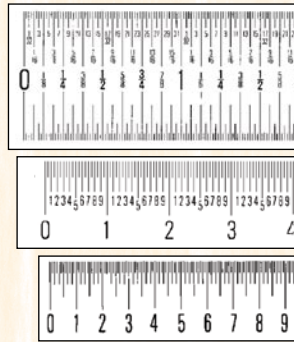
No. RT12 SRP \$1.59 ea



## ALVIN® Rulers

Scratch-resistant, super-clear acrylic with raised edge to prevent smearing. Scaled 1/16" on one edge, metric on opposite edge, blank spaces at ends for easier measuring, plumb line at each end.

No.	Description	SRP	No.	Size	SRP
T40-12	12"	\$2.50 ea	B70	2" x 12"	\$2.65 ea
T40-18	18"	3.25 ea	B85	2" x 18"	3.95 ea



## ALVIN® Plastic 12" Ring Binder Ruler

Transparent, shatter-resistant 12" classroom ruler in assorted colors. Fits in 3-ring binders. 36/box.

No. FL01 SRP \$0.79 ea



## ALVIN® Plastic 12" Ruler

Transparent, shatter-resistant 12" x 1 1/2" classroom ruler in assorted colors. 36/box.

No. FL02 SRP \$1.39 ea



## ALVIN® Plastic Superflex Ruler

This super pliable ruler is virtually indestructible. It can be twisted or bent and always returns to its original flat position. Ideal for measuring curved surfaces. Graduated in 16ths and mm. Assorted transparent colors. 12" size. 24/box.

No.	Length	SRP
FL14	12"	\$1.59 ea



## ALVIN® 6" Ruler

1" w x 6" l, transparent plastic ruler, Four assorted colors. Pkgd. 48/tray.

No. FL48D SRP \$18.72 pk



## ALVIN® 12" Ruler

Clear plastic scaled 1/16" on one edge and metric on the other edge. Plumb line on each edge. Scale width is 1 1/4".

No. CP212 SRP \$4.00 ea



## C-THRU® Standard Beveled Rulers

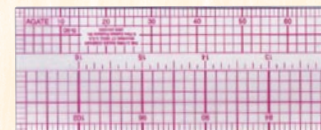
Handy graph rulers, 1/16" calibrated with a beveled edge for ink ruling. 12/box.

No.	Size	SRP
B50	1" x 6"	\$1.50 ea
B60	1" x 12"	2.00 ea



## C-THRU® Beveled Graph Rulers

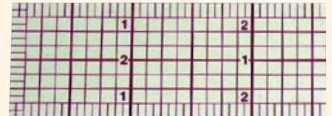
Rulers with 1/16" calibration. 12/box.



## C-THRU® Pica Beveled Ruler

Marked with agate lines and inch graduations. Ideal for graphic arts use. 2" x 18" size. 12/box.

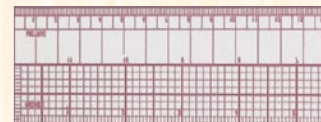
No. B90 SRP \$3.95 ea



## C-THRU® Standard Graph Rulers

Light and flexible, calibrated to 16ths. 12/box.

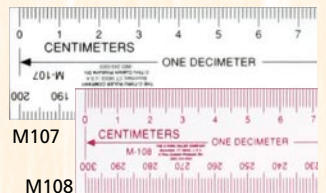
No.	Size	SRP
W10	1" x 6"	\$1.25 ea
W25	1" x 12"	1.50 ea



## C-THRU® English/Metric Ruler

Transparent ruler calibrated in 16ths to the inch with 8ths graph feature on one side and millimeters on the other. Each centimeter line is extended to the inch scale offering a comparison between English and metric scales. Zero centering English scale. 2" x 24".

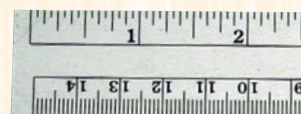
No. B97 SRP \$5.95 ea



## C-THRU® Metric Rulers

6" and 12" clear plastic rulers graduated in inch and metric.

No.	Description	SRP
M107	20cm/6"	\$1.35 ea
M108	30cm/12"	1.50 ea

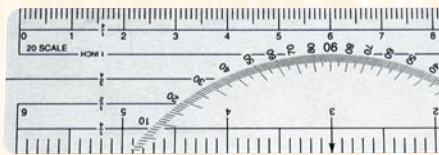


## C-THRU® Co-Ed Plastic Rulers

1" wide with 1/16" markings on one edge and metric scale on the other. 6" and 12" lengths available. 12/box.

No.	Length	SRP
18	6"	\$0.65 ea
36	12"	0.95 ea



**Protractor/Scale/Rulers**

Combination protractor/scale/ruler for fast preliminary layouts. Graduations designed for civil engineers, surveyors, and general use. 12/box.

No.	Scale Graduations	SRP
W37	10 & 50 parts to the inch	\$2.50 ea
W38	10 & 20 parts to the inch	2.50 ea
W39	20 & 40 parts to the inch	2.50 ea

**C-THRU® 12" Folding Ruler**

Unique ruler folds compactly to 6" and comes in a carry pouch for easy storage and portability. It opens to a full 12" and features inch and metric calibrations.

No. FOL30 SRP \$2.49 ea

**C-THRU® 6" Magnifier Ruler**

This clear 6" pocket ruler contains a magnifying window and features inch and metric calibration. A carrying case is included.

No. MAG6 SRP \$2.95 ea

**C-THRU® 12" Bar Magnifier Ruler**

Spreadsheet reading is a breeze with the full 12" bar magnifier fabricated from heavy-duty, clear acrylic. Features inch and metric calibrations.

No. MAG12 SRP \$6.95 ea



M85-B



M85-R

**LANCE® 18" Transparent Rulers**

2" x 18" transparent designer graph ruler in red or black print. Graduations in 1/16".

No.	Description	SRP
M85R	Red	\$4.89 ea
M85B	Black	4.89 ea

**LANCE® 60" Tapemeasure**

5/8" x 60" tailors tapemeasure. Made of strong fiberglass threads. Inches and millimeters on both sides. Assorted colors.

No. 100LNC SRP \$13.25 dz

**NEW****LANCE® Colonel Wax Tailors Chalk**

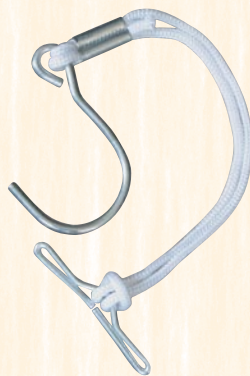
Colonel brand wax tailors chalk. 48 pieces to a box. White.

No. CLN-WH SRP \$11.95 bx

**NEW****LANCE® Pattern Hooks**

Carry pattern papers when transporting is required.

No. PH12 SRP \$6.89 bx

**LANCE® Pattern Notcher**

Perfect for notching pattern paper. Notch dimensions are 1/4" x 1 1/16".

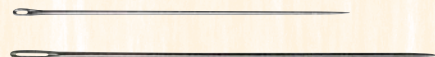
No. X45 SRP \$37.95 ea

**NEW****LANCE® Lightweight Shears**

Dressmakers shears made of stainless steel. 8 1/2" length.

No. LLS SRP \$14.89 ea

Needles enlarged to show detail

**LANCE® Handsewing Needles**

The most popular sewing needle used by dressmakers and tailors. Carefully crafted of carbon steel and fully nickel-plated, each needle is precisely drawn to an exact diameter. 25 needles to a package.

No.	Description	SRP
SH-3-9	Assorted Sharps, #3-#9	\$3.49 pk
SH-7	Sharps, #7	3.49 pk

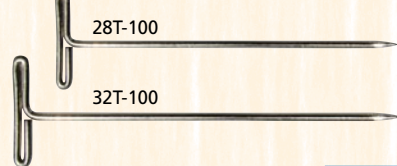
Pins enlarged to show detail

**LANCE® Dressmaker Pins**

Dressmaker pins, made in Europe, of nickel-plated carbon steel. Packed in 8 oz. boxes.

No.	Description	SRP
DMP116	1 1/16" length	\$8.99 bx
DMP114	1 1/4" length	8.50 bx

T-Pins shown actual size

**LANCE® Steel T-Pins**

Nickel-plated steel T-pins with new snag-resistant T-head. 1/2 lb. per box. Also available packed 100 pins per box for greater economy. Perfect for retail sales.

No.	Length/Diameter	SRP
8 oz. boxes		
X16T-05	1" x .030"	\$29.95 bx
X20T-05	1 1/4" x .0335"	24.50 bx
X24T-05	1 1/2" x .0455"	14.99 bx
X28T-05	1 3/4" x .0455"	14.99 bx
X32T-05	2" x .0455"	14.99 bx
100 pins per box		
16T-100	1" x .030"	2.85 bx
20T-100	1 1/4" x .0335"	2.95 bx
24T-100	1 1/2" x .0455"	3.99 bx
28T-100	1 3/4" x .0455"	3.99 bx
32T-100	2" x .0455"	3.99 bx





## ALVIN® 12" Wood Ruler

Beechwood ruler with a natural polished finish. Scaled in centimeters and inches. Inch scale has 16ths and 32nds in first and last inch. Supplied in sheath.

No. R212

SRP \$3.75 ea



## LUFKIN® 6" Red End Folding Ruler

Ideal for carpenters and other professional craftsmen. Constructed of boxwood, 25% thicker than competitive wood rules, with black markings embedded in a white background protected by a clear abrasive-resistant coating. Strong lock joints eliminate end play and retain accuracy. End caps and strike plates are brass-plated. Double graduations on both edges and both sides. Graduated in feet to 1/10 and 1/100 of a foot with regular outside markings in feet and inches to 1/16".

No.	Description	SRP
1066D	Folding rule	\$25.95 ea



## GENERAL® Fiberglass Folding Ruler

72" folding ruler with a 6" extension for accurate inside measurements. Constructed of tough, flexible, high-impact plastic, with fiberglass reinforcements for added durability.

No. G7200

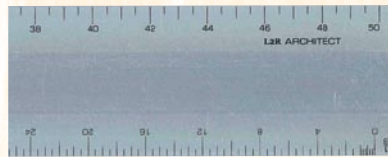
SRP \$32.95 ea



## LANCE® 12" Aluminum Cuff Rulers

Handy, accurate tool used to quickly mark trouser cuffs of various lengths and widths. Inches, in 8ths, on the top edge and in 16ths on the bottom.

No.	Width	SRP
CR125	1 1/4"	\$5.25 ea
CR150	1 1/2"	5.90 ea
CR175	1 3/4"	6.95 ea
CR200	2"	7.75 ea



3136-1

## ALUMICOLOR™ Series L2R™ Aluminum Scales

Aluminum scales have ultra-smooth edges and a slim profile. Left-to-right reading printed graduations won't rub off. Sold individually. 12/box.

No.	Description	SRP
◆ 3015-1	6" divided, mini triangular, see chart for graduations	\$5.95 ea
◆ 3136-1	12" divided: 1/8 1/4 1/16, and 1/32 to the foot, 4-bevel, flat	13.45 ea

KEY: ◆ Architect

## ALUMICOLOR™ Yardstick

End-to-end calibrations. Front side has yard marks and 16ths, while the back is blank. Lightweight, low-priced, but sturdy. Measures 1/16" thick and 1 5/8" wide. Sold individually.

No. 8008

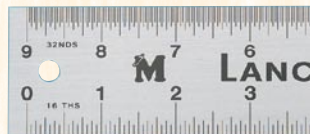
SRP \$4.50 ea



## LANCE® Calibrated Aluminum Rulers

Calibrated on two edges of one side. Inches in 16ths and 8ths.

No.	Size	SRP
SE012	12" x 1"	\$3.25 ea
SE018	18" x 1 1/4"	5.60 ea
SE024	24" x 1 1/4"	6.75 ea
SE036	36" x 2"	10.95 ea
SE048	48" x 2"	17.25 ea



## LANCE® Aluminum Center Finding Rule

Calibrated on two edges of one side. Zero point at the center of the top edge with equal incremental measurements to the left and right in 32nds of an inch. Bottom edge is standard ruler calibrated in 16ths.

No.	Size	SRP
CF018	18" x 1 1/4"	\$6.25 ea
CF024	24" x 1 1/4"	7.50 ea
CF036	36" x 1 1/4"	11.95 ea
CF048	48" x 1 1/4"	17.25 ea



## FAIRGATE® Aluminum English/Metric Rules

Calibrated in 100cm/1 meter and 1/16". Rules are 40" x 1 1/4".

No. MS-100 SRP \$15.00 ea

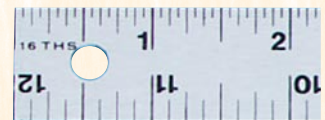


3015-1

## FAIRGATE® Cork-Back Aluminum Rules

Cork backing prevents slipping and raises rule from work surface to eliminate ink smears and bleeding. Calibrated on two edges of one side.

No.	Size	SRP
CR12	12" x 7/8", 16ths	\$5.20 ea
CR18	18" x 1 1/4", 16ths	7.60 ea
CR24	24" x 1 1/4", 16ths	9.10 ea
CR36	36" x 1 1/2", 16ths	13.60 ea
CR48	48" x 1 1/2", 16ths	24.95 ea



## FAIRGATE® Aluminum Straightedge Rules

Made of hardened aluminum, distinctly calibrated in black with graduations on one edge in 16ths and the opposite edge in 8ths. Featherweight and strong, these rules are 1/32" thick and semi-rigid for flexible use. Non-rust matte finish with hanging hole at one end.

No.	Size	SRP
AR701-12	12" x 7/8"	\$3.75 ea
AR701-18	18" x 1 1/4"	6.35 ea
AR701-24	24" x 1 1/4"	7.60 ea



## FAIRGATE® Graduated Aluminum Straightedge

Hardened aluminum construction and a stain-resistant matte finish offer a handsome, yet practical design. Clearly marked black graduations in 16ths and 8ths of an inch on opposite edges.

No.	Size	SRP
1005-30	30"	\$10.20 ea
1005-36	36"	12.45 ea
1005-48	48"	19.20 ea
1005-60	60"	27.20 ea
1005-72	72"	36.60 ea



## LANCE® Aluminum Centimeter/Inch Rulers

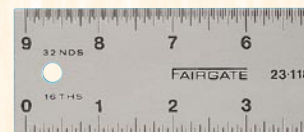
Calibrated on two edges of one side. Millimeters to centimeters on top edge. Inches, in 16ths, on bottom edge.

No.	Size	SRP
SE015EM	15cm	\$2.75 ea
SE030EM	30cm	3.25 ea
SE045EM	45cm	6.40 ea
SE060EM	60cm	7.70 ea
SE100EM	100cm	13.40 ea

## LANCE® Cork-Backed Aluminum Inking Rulers

Calibrated on two edges of one side. Inches in 16ths and 8ths. Water-resistant cork backing raises ruler above work surface for inking.

No.	Size	SRP
CB012	12" x 1"	\$4.75 ea
CB018	18" x 1 1/2"	6.95 ea
CB024	24" x 1 1/2"	8.25 ea
CB036	36" x 2"	13.50 ea
CB048	48" x 2"	24.50 ea



## FAIRGATE® Eluxite Aluminum Centering Rules

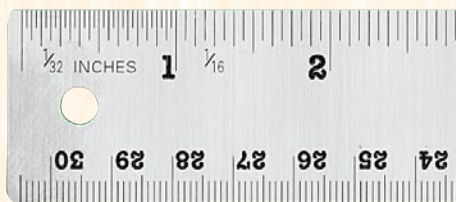
Rigid, but lightweight, hard aluminum. Ideal measuring aides for dividing and gauging layouts, printing, spacing, lettering, etc. Calibrated in 32nds and 16ths. To find the center of any two- or three-dimensional object, place the rule on the object so that the same measurement appears to both left and right of the zero mark. Zero will indicate the exact center.

No.	Size	SRP
RC12	12" x 1 1/4"	\$4.65 ea
RC18	18" x 1 1/4"	7.00 ea
RC24	24" x 1 1/4"	8.95 ea
RC36	36" x 1 1/4"	13.35 ea
RC48	48" x 1 1/4"	19.25 ea





Non-skid  
cork backing

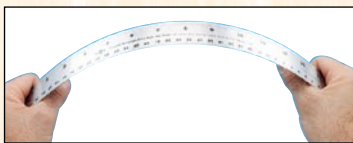


1/32" graduations for close work

### ALVIN® Flexible Stainless Steel Rulers

Made of finest quality stainless steel with non-skid cork backing that won't slip on glass or polished surfaces. Flexible enough to permit measuring curved surfaces. Raised edges eliminate ink blots and smearing. Permanent acid etched graduations won't wear off. Graduated to 32nds and 16ths and metric to permit close work. All rulers are 1 1/4" wide except as noted. 12/box.

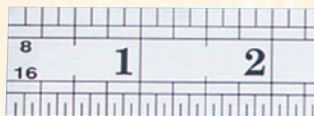
No.	Length	SRP
R590-6	6"	\$2.50 ea
R590-12	12"	3.75 ea
R590-15	15"	5.00 ea
R590-18	18"	5.50 ea
R590-24	24"	7.50 ea
R590-36	36"	12.00 ea
R590-48	48" x 1 1/2"	25.00 ea
R590-60	60" x 1 1/2"	30.00 ea



### GENERAL® 6" x 3/4" Vocational Stainless Steel Rule

A popular standard with quick-reading 32nds and 64ths on front and handy fraction/decimal equivalents on back. Individually carded, 12/box.

No. 1506 SRP \$6.25 ea



### GENERAL® 12" x 7/8" Vocational Stainless Steel Rule

Made of flexible steel with ground edges and a hanging hole at one end. Quick-reading graduations in 16ths, 32nds, and 64ths inches, 1.0mm and 5.0mm on the front; 8ths, 16ths, 32nds, and 64ths on the back. Individually enveloped, 12/box.

No. 1538 SRP \$11.50 ea



### GENERAL® 12" x 15/32" Vocational Stainless Steel Rule

Flexible tempered steel rules with ground edges, graduated on two sides: 10ths and 100ths on the front, 32nds and 64ths on the back. Individually enveloped, 6/box. Sold by each.

No. 1537B SRP \$14.75 ea



Front

Back

### LANCER® Stainless Steel Centimeter/Inch Ruler

Rugged and reliable, made from high quality stainless steel, this ruler surpasses federal specifications for accuracy. Etched black, easy-to-read numbers are accurate to within 1/64th of an inch. Conversion table on back for easy conversion of inches to millimeters.

No. SS012M Size 12"/30cm SRP \$4.95 ea

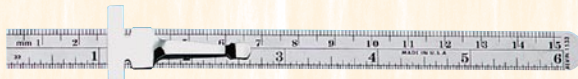
### X-ACTO® Precision Stainless Steel Rulers

Stainless steel edge is ideal for safe, accurate cutting and measuring. Acid-etched inch graduations. Resists cuts.

No.	Description	SRP
X-7725	3" Triangle	\$8.99 ea
X-7726	3" x 4" L-Square	8.99 ea



1532



1533

### 6" Vocational Stainless Steel Pocket Rules

Tempered stainless steel pocket rules with etched graduations are ideal for mechanics, draftsmen, and students. Convenient fraction/decimal equivalents on reverse side. 1/2" width.

No.	Description	SRP
1532	Graduated in 16ths, 32nds, and 64ths, with pocket clip	\$3.75 ea
1533	Graduated in mm to 15cm and 32nds to 6", with pocket clip	2.95 ea



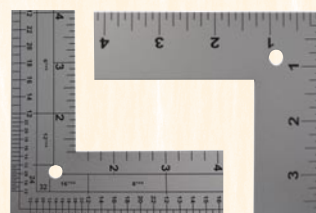
End View

### Tempered Stainless Steel Cutting Straightedge

2" wide x .093" thick. Features include a beveled edge and convenient hanging hole. Durable, with satin, non-glare finish. Used for cutting and ruling mats, paper, leather, glass, etc.

No.	Size	SRP
1109-18	18"	\$28.50 ea
1109-24	24"	33.50 ea
1109-30	30"	39.00 ea
1109-36	36"	45.00 ea
1109-42	42"	51.00 ea
1109-48	48"	62.00 ea
1109-60	60"	77.00 ea
1109-72	72"	94.00 ea

For more all-metal cutting straightedges, see Cutting Tools, page 230.



### LANCER® Standard Aluminum L-Square

Each arm is calibrated on two edges on one side and one edge on the reverse in 1/8, 1/4, 1/2, 1/4, 1/8ths, 16ths, 2/3rds, 6ths, and 12ths.

No.	Dimensions	SRP
LS024	24" x 14"	\$21.95 ea



### LANCER® Half-Size Aluminum L-Square

Used for the creation of half-scale patterns. Each arm is calibrated on one edge of both sides, in 1/8, 1/4, 1/2, 1/4, 1/8ths, 16ths, 2/3rds, 6ths, and 12ths.

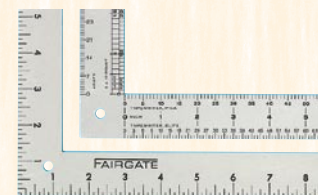
No.	Dimensions	SRP
LS01205	12" x 6"	\$15.70 ea



### LANCER® Mini Aluminum L-Square

Each arm is calibrated on two edges of one side and one edge on the other. The short arm is also calibrated as a center-finding ruler on side two.

No.	Dimensions	SRP
LS012	12" x 6"	\$13.95 ea



### FAIRGATE® Aluminum L106 Designer L-Square

L-square with 14" arm is calibrated in 1/2, 1/4, 1/8, 1/16, and 1/32. 24" arm is calibrated in 24ths, 1/3, and 2/3. Reverse side in inches and 1/8.

### FAIRGATE® Aluminum L911 Designer L-Square

Versatile L-square with proportional scale for both reductions and enlargements up to 32".

No.	Dimensions	SRP
L106	14" x 24"	\$23.45 ea
L911	12 1/2" x 13 1/2"	17.65 ea





Ruler Profile

**NEW Design****ALVIN® Aluminum Graphic/Office Rulers**

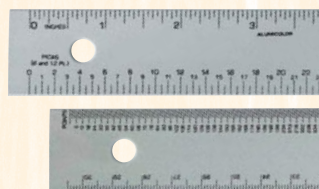
Made of tempered aluminum with a scratch-resistant anodized finish. Sharp, engraved graduations in 32nds and 16ths. Use extruded full-length finger grip in center of ruler for easy pick-up, reposition, or to hold firmly down. Individually packaged.

No.	Size	SRP
GA12	12"	\$5.75 ea
GA18	18"	9.50 ea
GA24	24"	11.95 ea

**ALUMICOLOR™ 6" Drafting Fan**

A convenient all-in-one tool made from aluminum that has standard architect, engineer, and metric scales. Eight blades of aluminum sheet riveted together.

No. 3699 SRP \$17.45 ea

**ALUMICOLOR™ Pica/Points Aluminum Rules**

Precision-made of anodized silver-colored aluminum with a hard tempered blade and an ultra-smooth surface. Extremely durable and impervious to most solvents. Calibrated in inches, centimeters, picas, and points.

No.	Size	SRP
4240-1	12"	\$6.95 ea
4241-1	18"	8.95 ea
4242-1	24"	11.95 ea

**FAIRGATE® Aluminum Matte Marking T-Square**

Features a numbered head and blade that accurately and simultaneously measure two points in inches. Durable, lightweight aluminum construction with head securely riveted to blade. Overall size: 12" x 6".

No. 417 SRP \$9.40 ea

**NEW****ALVIN® Tape Measure**

25' retractable tape measure features three convenient locking stops located on the top, side, and bottom. Injected metal hook end includes magnets. Nylon-coated blade has longer standout.

No.	Size	SRP
ATM25	25 feet	\$11.95 ea

**ALVIN® Estimator's Pocket Tape**

Architect graduations 1/4" and 1/8". Bright yellow enamel finish, smooth-running metal tape measures 1/4" wide and 60" long. Bold, easy-to-read graduations. Spring-action tape return and slide button tape lock. Compact and lightweight with convenient hanging cord. Blister-carded.

No.	Description	SRP
ET584	Architect	\$8.95 ea

**LUFKIN® Economy Tape Measures**

Yellow clad 1/2" tapes with black and red markings on one side. Lightweight, high-strength black matte finish case. Graduations in feet and inches to 1/16 on the top edge, in inches to 1/16 on the bottom edge (first 12" to 1/32), and 16" center studs printed in red.

No.	Description	SRP
Y8210	10'/English	\$11.95 ea
Y8212	12'/English	12.95 ea

**LUFKIN® Estimator's Pocket Tape**

1/4" x 5' yellow clad steel blade tape with jet black markings. Spring-action return operation. Architects 1/8" and 1/4" graduations.

No.	Description	SRP
W393	Architect	\$39.95 ea

**LUFKIN® Thin Line Pocket Tapes**

Compact 1/4" wide, yellow clad measuring tape in polished chrome case with spring-action blade return. Graduations in consecutive inches to 1/16", first 12" to 1/32". Markings are jet black on yellow 1/4" blades.

No.	Description	SRP
W608	Thin Line 8' length	\$24.95 ea

**LUFKIN® 700 Series Tapes**

Magnetic end hook for easy one-person measurements on any ferrous metal surface. 1" x 25'.

No. L725MAG	SRP \$14.25 ea
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Pull autolock blade out and it stays extended until the release is squeezed. 1" x 25'.

No. AL725	SRP \$12.50 ea
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**LUFKIN® Power Return Tape**

25' x 1" tape, protected by a clear Ny-Clad® coating and patented Quad Hook for longer blade life. Non-slip toggle lock holds blade securely, while rubber cushion absorbs impact and improves grip. Compact size for comfort and easy storage.

No. PS3425	SRP \$22.95 ea
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**LUFKIN® 2000 Series Power Tape**

Silver metal clad tape features a rounded case with convenient top thumb lock. End hook is unbreakable and rubber bumper prolongs tape life. Graduated in feet and inches to 1/16".

No.	Length	SRP
L2125	1" x 25'	\$21.95 ea

**LUFKIN® Pro Series Long Tape**

3/4" x 100' fiberglass long tape with three interchangeable end hooks – folding, appraiser's, and self-measuring ring, and a 8.5" aluminum stake. Storage handle securely holds all hooks. Ample knob/handle clearance prevents skinned knuckles. Two-sided tape includes both fraction and foot/inches. 3:1 gear ratio winder for quick retrieval. Rotating mouthpiece reduces blade stress and helps maintain blade alignment.

No.	Size	SRP
PSFE100	3/4" x 100'	\$64.95 ea

**Triangular Scale Tapes**

Convenient, go-anywhere size. Each tape measure has three 24" coiled rule tapes inside, each with its own non-slip toggle lock and spring action return. Uniquely shaped plastic body. Architect model has 12 graduations: 16, 1, 1/2, 1/16, 1/8, 1/4, 1 1/2, 3, 3/4, 3/8, 3/16, and 3/32. Engineer model has six graduations: 10, 50, 40, 20, 60, and 30.

No.	Description	SRP
CB01	Architect	\$22.95 ea
CB02	Engineer	22.95 ea



**STANLEY® 100' Longtape**

100' x 3/8" white steel blade. 1/8" graduations. Smooth, easy rewinding action.

No. 34106 SRP \$35.99 ea

**STANLEY® 50' Longtape**

50' x 3/8" long-lasting white steel blade. 1/8" graduations. Smooth, easy rewinding action.

No. 34103 SRP \$26.29 ea

**STANLEY® Powerlock Rule**

25' x 1" wide blade rigid up to 7'. Power return. Attached belt clip.

No. 33425 SRP \$41.49 ea

**GENERAL® Digital Fractional Caliper**

0-6"/153mm, 3-mode display with decimal inch, fraction inch, and metric readings. Heavy-duty metal housing, convenient on/off feature, and rugged stainless steel construction. Reads in actual fractions, as well as decimals.

No. G147 SRP \$65.00 ea

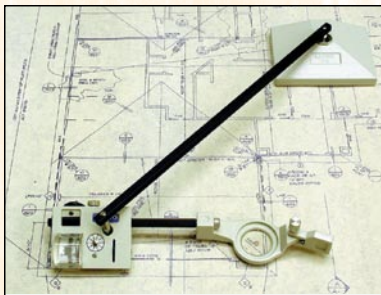
**GENERAL® Pocket Caliper**

Precision-made, high-strength, fiberglass, reinforced plastic caliper. Opens to 3" outside measurement capacity. 4" rule is graduated in 16ths on the back. Inside/outside readings graduated in 32nds/mm.

No. G141ME SRP \$9.25 ea

**Basic Mechanical Planimeter**

For evaluating plane areas of any shape or contour from maps, blueprints, photos, etc. Features include lens tracer, built-in vernier magnifier for measuring wheel, zero setting wheel, pole weight, fixed pole arms, fixed tracer arm, and exclusive tilted body design that permits operation without bending over the instrument during tracing/readout. English or metric calibration. Packed in a 12" x 6" x 2" carrying case with test rule and instructions. Weight with case, 2.5 lbs. **PL30** features an adjustable pole arm and adjustable graduated tracer arm. Special parallax-free tracer lens instead of a needle tracer. English calibration only.



No.	Graduations	Max. Resolution	Max. Rectangle Pole Outside Figure	SRP
PL10	English	.01 sq. in.	6" x 13"	\$285.00 ea
PL30	English	.0009 sq. in.	12" x 30"	377.00 ea

**ALVIN® Placom Digital Planimeter**

Roller-type planimeter features unique 6-digit pulse count operation that permits cumulative measurement of areas up to 10m – 100 times the measuring capacity of ordinary planimeters. Includes hold and measuring control, clear liquid crystal digital readout, and scale readings in Metric or English. Enhanced with advanced micro-processors for accuracy. Easy roller operation – simply follow the outline of the area to be measured, the reading on the digital display corresponds to the area. Ideal for many applications where precise, large-area measurements are needed. Maximum measuring range: 325mm vertical; 30m horizontal. Accuracy: within  $\pm 0.2\%$  (within  $\pm 2/1000$  pulses). Packaged in a plastic carrying case with AC adapter (battery included) and operating instructions. *Please note:* No. KP90N has a computing function that gives the measurement readout in the scale desired (sq.ft., acres, etc.).



No.	Description	SRP
KP90N	Planimeter with computing function	\$975.00 ea

**LANCE® 6" Digital Caliper**

Features easy-to-see numbers, instant readings, adjustable zero function, and precision thumb roller. Convert from inches to metric and back with the push of a button. Measures four ways. Hardened stainless steel. Comes with hard case and owner's manual.

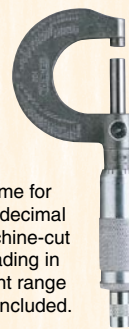


No.	Description	SRP
KCD150-5	6" Digital Caliper w/Hard Case	\$99.95 ea

**GENERAL® Serviceman's Precision Measuring Set**

Four of the most useful measuring and marking tools for mechanics and machinists: 0-1" micrometer, 0-6" thousandth reading caliper, 6" rigid stainless steel rule in 8ths, 16ths, 32nds, and 64ths, and a tungsten carbide scriber with magnetic pickup.

No. GS004 SRP \$167.00 st

**GENERAL® 1" Micrometer**

Features cutaway frame for tight measurements, decimal equivalents, and machine-cut black graduations reading in 1/1000". Measurement range 0" to 1". Instructions included. 1/box.

No.	Description	SRP
MC102	1" micrometer	\$29.00 ea

**GENERAL® 5" Pocket Slide Caliper**

Stainless steel pocket slide caliper with a 5" rule, inside and outside reading in 16ths and 32nds, and decimal equivalents on the back. Individually carded. 6/box.

No. V729 SRP \$21.50 ea

**GENERAL® 6" Digital Caliper Direct Reading**

Accurate digital measurements in both inches and metric. Swiss precision crafted with friction thumb roller. Four-way measurement: outside, inside, depth, and step.

No.	Description	SRP
G143	Right hand	\$134.50 ea

**GENERAL® 6" Dial Caliper**

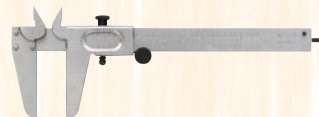
Stainless steel construction for accuracy and durability. Large, clear dial reads to .001". Satin chrome scale with clearly etched lengths of inch graduations. Covered rack ensures smooth operation by preventing dirt and chips from entering rack and gear mechanism. Adjustable bezel for zero setting.

No.	Description	SRP
G107	Right hand	\$56.00 ea

**GENERAL® Precision Swiss Dial Caliper**

Features non-magnetic, high-impact lumalcore construction and large easy-to-read 1 1/2" diameter dial with .01" and 1/64" scales. Range: 6".

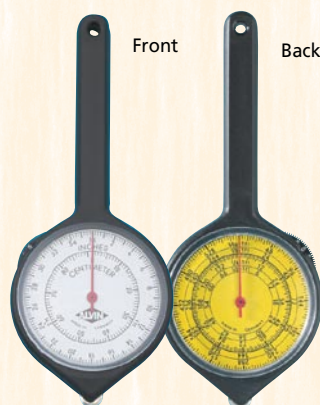
No. 80D SRP \$54.75 ea

**GENERAL® Vernier 5" Slide Calipers**

Feature a fully enclosed sliding head and a sensitive roller adjustment. Constructed of polished drawn steel with depth gauge, locking lever, and inside/outside knife jaws.

No.	Vernier	SRP
V721	Graduations in 16ths, 32nds 1/128" or half a 64th	\$21.00 ea
V723	Graduations in mm, 1/16"	22.00 ea





FOR SCALE	ONE REVOLUTION MEASURES
1/16" = 1'	576'
1/8" = 1'	288'
1/4" = 1'	144'
1/2" = 1'	72'
Inches	36"
Centimeters	1 Meter

### ALVIN® Double Readout Plan Measure

Ideal for blueprints, map scaling, and drawing. Determines distances in miles or kilometers on maps and plans according to scales indicated on dial. Assures precision measurement forward or backward and follows curved lines. Precision metal gears are reset by revolution counter. Convenient handle for easy maneuverability. Two large, easy-to-read dials with unbreakable plastic faces. White dial graduated in inches and centimeters (36" = 92cm). Yellow dial graduated in 1/2", 1/4", 1/8", and 1/16" to the foot. Includes leather-like vinyl pouch for protection.

No. 1121 SRP \$42.00 ea



### ALVIN® Two-Face Map, Plan or Curve Measure

Bright, nickel-plated finish with convenient handle and clear, unbreakable plastic lenses. For measuring distances on roads, curves, contours, maps, patterns, and drawings. Dial registers inches, half-inches, and centimeters up to 39" and 99cm. Also measures statute miles and nautical miles. Multiply for feet, yards, or miles.

No. 1111 SRP \$48.00 ea



### ALVIN® Two-Face Inch Counter

Includes ring for compact pocket use and large diameter for easy readout. One side is fitted with a special dial for exact measurement of straight lines and curves on technical plans, drawings, blueprints, etc. While the pointer indicates traced distance in inches, the counter disk registers it in feet. The second dial measures distances on maps or plans made to scales of 1/2", 1/4", and 1/8" to a foot and counts the number of full pointer revolutions.

No. 1118 SRP \$58.00 ea



### ALVIN® Two-Face Inch Counter

The same as No. 1118, but with easy grip 1 1/2" long fixed handle. Packed in a leatherette case.

No. 1117 SRP \$66.00 ea



### Tally Counter

Record and count instantly with this precision counter. Easy action lever changes count with slight thumb pressure and a single side knob turn resets counter to zero. Features Four-digit register that records up to 9999.

No.	Description	SRP
T544	Hand-held tally counter	\$14.95 ea

### SCALEX PlanWheel™ SA2

The perfect tool for taking scaled measurements from blueprints, maps, and plans. Select the built-in scale factor to match the plan, roll the PlanWheel and the measurement is displayed instantly. Features 111 built-in and thousands of available user-defined scale factors. Includes all common scales including Imperial and metric. Calculates square and cubic dimensions for regular areas and volumes. Counter and adder buttons on probe tip count items or add fixed lengths while scaling. Create, store, and retrieve two user-defined scale factors. Automatic shut-off assures long battery life. Protective case sold separately. Requires two AAA batteries (included). This PlanWheel cannot be interfaced with a computer.

No.	Description	SRP
SC00502	PlanWheel™ SA2	\$64.95 ea
SC00100	Protective case	9.95 ea



### SCALEX MapWheel™

Measure distances on maps in straight lines or curves. Distance is displayed instantly. Features 19 built-in scale factors, including all common map scales, and the ability to enter custom map scales. Measures in miles, kilometers, and nautical miles only. Counter and adder buttons on probe tip count stops made or add fixed destination lengths while measuring. Requires two AAA batteries (included).

No. SC00700 SRP \$34.95 ea



### SCALEX PlanWheel™ XLU2

Designed especially for contractors, estimators, and surveyors. Handles any and all prints. In most situations, select any of the 111 common built-in scales, key in up to 19,998 user-setable scales. Calculates square and cubic dimensions for regular areas and volumes. Counter and adder buttons on probe tip count items or add fixed lengths while scaling. Create, store, and retrieve two user-defined scale factors. Protective case and computer interface kit sold separately. Connects to any Windows application with XLU2 Interface Kit.

No.	Description	SRP
SC00552	PlanWheel™ XLU2	\$84.95 ea
SC00100	Protective case	9.95 ea



### SCALEX Scale-Link™ WL

The industry's only wireless measuring tool. Quickly and easily measure prints and plans without the restriction of a cable. Just roll the scaler wheel along the print and then instantly transfer the measurement to any third party estimating software, spreadsheet, or database, with the click of a button. Includes PlanWheel WL™ scaler, Ready Connect™ software, charging cradle with USB cable, protective case, user manual, and rechargeable batteries. Cabled scaler still available.

No.	Description	SRP
SC02002	Scale-Link™ WL, wireless	\$299.95 ea
SC02001	Scale-Link™ USB2, cabled	124.95 ea



### SCALEX XLU2 Interface Kit™

Allows the end user to connect the PlanWheel™ XLU2 to the PC. Kit includes Scalex software enabling any Windows program to accept scaled measurements directly from the PlanWheel, USB port cable, and instruction manual.

No. SC02552 SRP \$64.95 ea







### Scale Master® II Plan Measure

For construction pros and estimators looking for the fastest, most accurate and versatile way to do take-offs from prints and plans. Features 91 built-in scales to cover virtually any application. Includes eight custom scales that can be set by the user to accommodate prints and plans that have been faxed, enlarged, reduced, or are unscaled. Instantly calculates regular shaped areas and volumes. Features accumulating memory, subtract key, push-button counter, and auto-count mode. Can be used as a stand-alone device or may be connected to any PC running Windows® 98 or later, for input of measurements and values directly into estimating or spreadsheet programs. Includes complete installation and operation manual, long-life batteries, protective hard case, and a full one-year warranty. PC Interface also includes software and 10 foot, 9-pin cable connector with USB port adaptor.

No.	Description	SRP
DSM65	Scale Master® II Plan Measure	\$99.95 ea
DSM65A	Scale Master® II PC Interface Add-on Kit	79.95 ea
CA325	Scale Master® II with PC Interface Kit Combo	149.95 ea
CA-W	Small Wheel Kit with Axle Screw	10.00 ea
DSMC	Neoprene Case for Scale Master	5.00 ea



### Scale Master® Classic

An affordable multi-scale digital plan measure for contracting and building professionals without PC interface capabilities. Calculates areas and volumes for regular shapes. Features 72 built-in scales for application versatility and plenty of scaling power. Includes six user-defined custom scales available for use with enlarged, reduced, copied, faxed, or unscaled prints and plans. Two built-in memories, subtract key, and push-button counter. User's guide, long-life batteries, and case. One-year warranty.

No.	Description	SRP
DSM64	Scale Master® Classic	\$69.95 ea
CA-W	Small Wheel Kit with Axle Screw	10.00 ea
DSMC	Neoprene Case for Scale Master®	5.00 ea

### Neoprene Case for Scale Master®

Fits models DSM64 and DSM65.

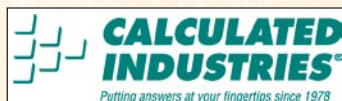
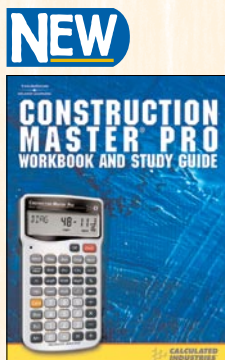
No.	Description	SRP
DSMC	Neoprene Case for ScaleMaster®	\$5.00 ea



### Construction Master® Pro Workbook and Study Guide

Advanced Feet-Inch-Fraction Construction-Math Power Tool for Education and Training in the classroom or on the job. Organized in four modules for flexibility, following construction steps from site development to finishing. Learn how to master the Construction Master Pro as an essential tool for greater efficiency and productivity on the jobsite. Quickly solve routine construction problems or complex design and estimating challenges while reducing construction math errors. Pick-up tips to use time-saving features and functions. **Calculator not included.**

No.	Description	SRP
CA2140	Workbook/Study Guide	\$19.95 ea



### Ultra Measure Master™

Professional-grade, feet-inch-fraction and metric dimensional calculator that delivers 60 of the most-needed Imperial-Metric (SI) conversions resulting in over 400 conversion combinations. Converts to and from linear, area, volume, weight, weight-to-volume, linear velocity, flow rate, pressure, and much more. For engineers, contractors, purchasing agents, technicians, inspectors, or anyone needing a broad range of conversions. Includes 360° protective hard cover, easy-to-follow pocket reference guide, long-life battery, and full one-year warranty.

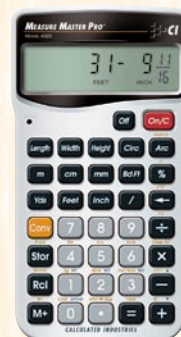
No. CA230 SRP \$49.95 ea



### Measure Master® Pro

This handy, easy-to-use tool for projects converts between dimensional formats including feet-inch-fractions, decimal feet-inch-fractions, yards, meters, centimeters, and millimeters, as well as areas and volumes. Built-in functions make for faster, more accurate material estimates. Quickly solve circumference, circle area, and arcs. Dedicated length, width, and height keys provide fast answers for area, volume, square-up, and perimeter. Find weight, weight-per-volume, and more. Includes protective hard slide cover, easy-to-follow pocket reference guides in English and Spanish, long-life batteries, and a full one-year limited warranty.

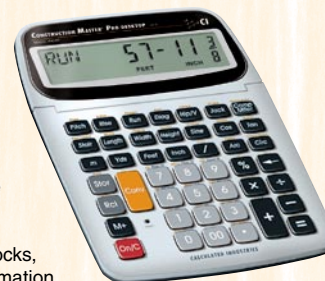
No. CA223 SRP \$39.95 ea



### Construction Master Pro Desktop

Extra-large display and tilt head for office use. Works in and converts between all building dimensional formats. Solves right angles including rafters, rake-walls, slopes, and square-ups. Stair layout calculations. Complete circle solutions. Full trigonometric functions. DMS conversions. Areas and volumes. Calculates footing volume, blocks, roof area, board feet, material cost/estimation problems, and more. Includes easy-to-follow user's guide, CD-ROM with English and Spanish How-To CD and user guides, long-life battery, and full one year warranty.

No. CA231 SRP \$89.95 ea



### Construction Master® Pro Trig

Advanced construction math calculator with trigonometric functions for engineering and building professionals. Determine precise angle measurements and solve the most complex design and construction math problems. Built-in functions include stair calculations, common rafters, jack rafter key, circular key, and rake-wall key. Plus, estimate board feet quickly. Features user preferences, exponential notation, backspace to change just-entered values, constant operator, cost per unit, and paperless tape to review the last 20 entries. Operates as a standard math calculator. Includes protective hard cover, easy-to-follow user's guide, pocket reference guide, English and Spanish How-To CD and user guides, long-life batteries, and full one-year warranty.

No. CA225 SRP \$89.95 ea





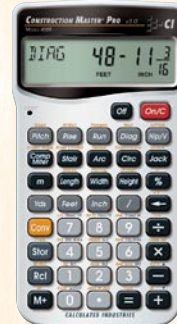
### CALCULATED INDUSTRIES® Construction Master®5 and Construction Master® Pro

These feet-inch-fraction calculators feature a broad range of nearly automatic construction/math problem solutions. From its single key solutions to arc length, circumference, circle area, board feet conversions, and weight-per-volume conversions, this popular calculator works in most common construction or building dimensional formats. It adds, subtracts, multiplies, and divides in feet-inch-fractions, decimal feet (10ths, 100ths), inches, fractions, decimal inches, yards, meters, centimeters, millimeters, and square and cubic dimensions. Plus, it converts to and from any dimensional format. Model CA224 automatically finds lengths of rafters, regular (45°) and irregular (non-45°) hips, valleys and jacks, stair stringers, angle of incline, number of risers and treads for any landing-to-landing height, plus riser height and tread width. Covers practically any construction, building, or remodeling application. Features paperless tape for reviewing past 20 entries. Model CA227 features advanced dedicated key functions for blocks, roof areas, and footings. Enhanced stair, rafter, rake wall, and circular cone functions. Both models include easy-to-follow pocket reference guides in English and Spanish, English and Spanish How-To CD and user guides, long-life batteries, and a full one-year limited warranty.

No.	Description	SRP
CA224	Construction Master 5	\$69.96 ea
CA227	Construction Master Pro	79.95 ea



CA224



CA227

### CALCULATED INDUSTRIES® KitchenCalc

Innovative kitchen aid that helps increase or decrease recipe yields or portions quickly and accurately. Save time in the kitchen and produce great-tasting meals, appetizers, or treats! Include user's guide, long-life battery, and a full one-year warranty.

No.	Description
CA300	KitchenCalc



SRP
\$24.95 ea

### CALCULATED INDUSTRIES® KitchenCalc Pro

Features two count up/down digital kitchen timers that operate independently or while using the calculator. An easy-to-clean, soft plastic cover protects keys during use. Include user's guide, long-life battery, and a full one-year warranty.

No.	Description
CA305	KitchenCalc Pro

SRP
34.95 ea



### CALCULATED INDUSTRIES® Real Estate Master IIIx

The ideal tool for new agents and professionals who don't require buyer qualifying functions. Features complete payment solutions including PITI and interest-only amortization with remaining balances, calculate combo loans (80:10:10, 80:15:5), bi-weekly loans, ARMs, easy rent-vs-buy comparisons and estimated tax savings, future value, property appreciation, and more. Includes protective hard slide cover, quick reference guide, easy-to-follow user's guide, long-life batteries, and full one-year warranty.

No.	CA405	SRP	\$44.95 ea
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### CALCULATED INDUSTRIES® Laser Dimension Master

Measure interior distances with the press of a button! Just aim and shoot to get an instant digital readout. Measure, in feet/inches or meters, with 99.5% accuracy up to 50 feet. Small enough for a pocket or briefcase. Also works great as a laser-pointer. Comes with a full one-year warranty.

No.	CA338	SRP	\$39.95 ea
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### SONIN® Three-Way Laser Level

Directs beams at right angles for perfect placement. Three square 90° beams provide simultaneous level (horizontal) and plumb (vertical) reference points. Also features a built-in bubble level for fast and simple leveling to install shelving, light fixtures, wallpaper, tile, pictures, cabinets, crown molding, and more. Convenient, hands-free mounting options with ergonomic, easy-grip handle. Requires one 9-volt battery (not included).

No.	DG50901	SRP	\$14.99 ea
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### CALCULATED INDUSTRIES® Qualifier Plus IIIx

The most versatile and easy-to-understand real estate calculator on the market. Perfect for all real estate finance professionals including agents, brokers, bankers, mortgage originators, title officers, and trainers. Versatile buyer pre-qualifying for conventional and FHA/VA loans, complete payment solutions including PITI and interest-only amortization with remaining balances, calculate combo loans (80:10:10, 80:15:5), bi-weekly loans, ARMs, easy rent-vs-buy comparisons and estimated tax savings, future value, property appreciation, and more. Includes protective hard slide cover, quick reference guide, easy-to-follow user's guide, long-life batteries, and full one-year warranty.

No.	Description	SRP
CA415	Qualifier Plus IIIx	\$64.95 ea



### SONIN® Laser Level with Tape Measure

Use on floors, walls, doors, or windows to install shelving, light fixtures, wallpaper, tile, pictures, cabinets, crown molding, and more. Convenient slide switch easily changes from laser dot to horizontal or vertical laser line. Built-in horizontal and vertical bubble level for fast and simple level (horizontal) and plumb (vertical). 10-foot (3m) power return tape with blade lock. Convenient hands-free mounting to metal surfaces. Easy-to-use, easy-to-store. Requires two AAA batteries (not included).

No.	DG50902	SRP	\$13.99 ea
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### SONIN® 4-in-1 Stud, Moisture, Metal, and Voltage Detector

Stud detection helps easily locate and detect wood and metal studs, beams, and joists up to 3/4" deep. Measures moisture levels from 8% to 22% present in wood, drywall, carpets, and more to find if potentially damaging excess moisture is present to prevent wet rot, mold, and mildew. Metal detection helps detect and locate hidden metals, steel, and copper pipes behind walls up to 2" deep. Voltage detection helps locate live AC wires behind walls, ceilings, and floors up to 2" deep. Requires one 9-volt battery (not included).

No. DG50215 SRP \$39.99 ea



### SONIN® Inchmate® Plus Feet/Inch/Fraction Calculator

Instantly converts between feet/inches/fractions, decimal feet, and meters at the touch of a button. Patented, user-friendly entry system with dedicated fraction keys. Includes triangle calculation keys, long-lasting lithium battery with auto shut-off, tough, protective case with write-on strip, and one-year limited warranty.

No. DG110 SRP \$24.99 ea



### SONIN® Electronic Distance Measuring Tool

Measure, add, multiply, and compute the square and cubic footage of one room or a whole house with just the press of a button. Narrow beam of sound waves bounce off solid objects back to the hand held receiver. Custom electronics and a microprocessor convert elapsed time into a distance measurement and display it on the LCD. Computes and adds both area and volume. Adds linear measurements, areas, and volumes. Measures from 1 1/2' up to 45'. Features automatic internal temperature compensation, auto shut-off, low battery warning, and tracking/validate modes. Measures in feet/inches and meters/centimeters. Accuracy is 99.5% plus or minus 1/4". Comes with instruction pamphlet and quick reference instruction label on back of unit, in English, French, and Spanish. Requires one 9-volt battery.

No. DG10045 SRP \$29.99 ea



### SONIN® Laser Targeting Range Finder II

Ideal for anyone who needs fast measurements. The new sleek design fits in your pocket. High-visibility laser shows aim while an ultrasonic beam takes an instant measurement up to 60 feet. Easy-to-read LCD displays measurements in feet/inch/fraction (to 1/4 inch), decimal feet, meters, or yards. Adds and subtracts linear measurements and easily computes area and volume. Easily recalls last five measurements. Comes with protective pouch. Requires one 9-volt battery (not included). Accuracy is 99.5% plus or minus 1/4".

No. DG10275 SRP \$45.99 ea



### SONIN® Multi-Measure Combo Pro

Measures up to 250 feet when used with its electronic target. Uses both sound waves and an infrared beam. Measures up to 60 feet in single unit mode using ultrasound. Range may be longer or shorter depending on environmental factors. Accuracy is 99.5% plus or minus 1/4". Measure indoors or out. Ergonomic design makes it comfortable to use. Built-in calculator to add linear measurements and compute areas and volumes. Features intelligent software, improved accuracy, seven storage memories, easy-to-read LCD display, measures from front or back of unit, power indicator light on target, auto shut-off and durable protective carry pouch with belt loop. Requires two 9-volt batteries.

No. DG10300 SRP \$124.99 ea



### SONIN® Inchmate® PRO Feet/Inches/Fraction Calculator

Calculate and convert between feet, inches, fractions-of-an-inch, decimal feet, yards, meters, centimeters, and millimeters including square and cube. Dedicated fraction keys for direct entry with a single stroke. Calculate area, circumference, and arc length of a circle. Easily calculates board feet, cost per unit, weight per volume, temperature conversions, and much more. Features triangle calculation keys, protective case, long-lasting lithium battery with auto shut-off, and one-year limited warranty.

No. DG210 SRP \$29.99 ea



### SONIN® Inchmate® 2000 The Ultimate Feet/Inches/Fraction and Metric Conversion Construction Calculator

Calculate and convert between feet, inches, fractions-of-an-inch, decimal feet, yards, miles, kilometers, meters, centimeters, and millimeters including square and cube of each. Dedicated fraction keys for direct entry with a single stroke. Calculate area, circumference, and arc length of a circle. Easily calculates board feet, cost per unit, weight per volume, temperature conversions, construction functions, right angle calculations, stair calculations, weights and liquid units, and much more. Paperless tape stores up to 20 entries with easy review capabilities. Features protective flip-top cover, long-lasting lithium battery with auto shut-off, and one-year limited warranty.

No. DG220 SRP \$45.99 ea





### ROLATAPE® Single Wheel Measure Master®

For line-to-line, wall-to-wall, vertical, overhead, and around curve measuring on firm surfaces, both indoors and out. A favorite of realtors, appraisers, safety engineers, and traffic officers. Push button counter records in feet and inches up to 10,000 feet without resetting. Wide precision tire for solid traction on firm outdoor surfaces. Telescoping handle for easy storage and portability. Unit collapsed measures 17¼" extending to 38½" for operation. Wheel circumference 1 foot. Diameter 4". Weighs less than 2 lbs. Safety-green counter casings. Three-year warranty.

No. MM12 SRP \$44.83 ea

### ROLATAPE® Dual Wheel Measure Master®

Light and easy-to-handle for accurate measurements on firm surfaces, both indoors and out. Dual wheels provide exceptional traction and stability. Completely sealed push button counter records feet and inches up to 10,000 feet without resetting. Three-piece telescoping handle collapsed measures 19¼", extending to 40½". Wheel circumference 1 foot. Wheel diameter 4". Weighs 2 lbs. Safety-green counter casings. Three-year warranty.

No. MM12TWIN SRP \$66.25 ea

### ROLATAPE® Single Wheel Measure Master®

Accurate long run measuring for indoor and outdoor jobs. Support ribs on handle socket for added strength. Sealed counter records in feet and inches up to 10,000 feet without resetting. Lift and lock handle for easy storage. Unit collapsed measures 22¼" extending to 40" for operation. Safety-green counter casings on counters. Wheel diameter 11¼". Weighs 5 lbs. Three-year warranty.

No. MM30 SRP \$103.28 ea

### ROLATAPE® Large Wheel Measure Master®

Heavy-duty construction features a sturdy 5-foot circumference wheel for precision field measurements. For all-weather measuring over rough or uneven terrain. Specially crafted handle ensures firm grip, ease of operation. Support ribs on handle socket for added strength. Completely sealed counter records up to 10,000 feet without resetting. Precision calibrated wheel with Neoprene tire for outstanding traction and durability. Wheel circumference 5 feet. Wheel diameter 19". Weighs 6 lbs. Safety-green counter casings. Equipped with lift and lock folding handle. Three-year warranty.

No. MM50 SRP \$119.00 ea

### ROLATAPE® Measuring Wheel

Rugged, reliable, and specifically designed for heavy-duty field use. Suitable for landscaping, fencing, irrigation, seeding, fertilizing, and golf course measuring needs. Specially-crafted hand grip provides firm control and easy operation even over rough terrain. Equipped with lift-and-lock folding handle. Strong, self-lubricating wheel bearings. Completely sealed counter measures up to 100,000 feet without resetting. Precision-calibrated, powder-coated wheel rimmed with hard-rubber tread for solid traction and superior balance. Wheel circumference 3 feet. Wheel diameter 11¼". Weighs 5 lbs. Five-year warranty.

No. MOD300 SRP \$117.25 ea



### ROLATAPE® Large Outdoor Measuring Wheel

Ideal for engineers, surveyors, and contractors. Precision totalizer automatically records up to 100,000 feet. Wide Neoprene tire provides positive traction and extra long wear. Automatic brake prevents accidental backtracking to ensure accuracy. Built-in stand keeps wheel in upright position. Spokes set at 2¼" for estimating measurements less than one foot. Powder-coat finish. Wheel circumference 4 feet. Wheel diameter 15½". Weighs 8 lbs. Five-year warranty.

No. MOD400 SRP \$148.88 ea



### ROLATAPE® Solid Disk Measuring Wheel

Same as MOD400, but engineered with a coated steel disk wheel that allows easy movement through brush and undergrowth. Measurements on disk for inches and tenths of feet. Powder-coat finish. Wheel circumference 4 feet. Wheel diameter 15½". Weighs 10 lbs. Five-year warranty.

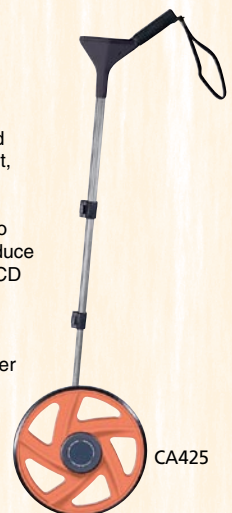
No. MOD415 SRP \$155.00 ea



### CALCULATED INDUSTRIES® DigiRoller Plus II

Get fast, accurate measurements for on-site linear, area, and volume estimates. The perfect tool for any pro that needs fast, affordable one-person measurements, indoors or out. Step-saving functions calculate and store intermediate and total lengths, find square areas, cubic volumes, and more for up to nine different areas. Unique data storage capability helps reduce field notes and costly miscalculations. Large, easy-to-read LCD displays measurements to 999,999.9 feet (or meters, yards, inches) with full display spell-outs and built-in LCD contrast control. Convenient kickstand folds out of the way when not needed. Wheel circumference 1 meter (39⅝"). Wheel diameter 0.319 meter (12⅞"). Weight 6 lbs. Full one-year warranty.

No. CA425 SRP \$169.95 ea



### ROLATAPE® GUARANTEE

Measuring wheels are guaranteed to be free from defective material and workmanship as follows; the Measure Master® Series, for a period of three years from date of purchase, and the Rolatape® Professional Series, for a period of five years from date of purchase. If found defective within this period and returned prepaid, it will be repaired or replaced at our discretion without charge. Guarantee is void if the measuring wheel has been taken apart, damaged, oiled, or used improperly and thus cannot be repaired or replaced at no charge.